

0590  
1205#6 0410  
OIPE

## RAW SEQUENCE LISTING

DATE: 09/14/2001

PATENT APPLICATION: US/09/845,160

TIME: 10:45:40

Input Set : A:\81356163.app

Output Set: N:\CRF3\09142001\I845160.raw

ENTERED

3 <110> APPLICANT: MIZUGUCHI, HIROYUKI  
4 HAYAKAWA, TAKAO  
6 <120> TITLE OF INVENTION: ADENOVIRUS VECTOR  
8 <130> FILE REFERENCE: 081356/0163  
10 <140> CURRENT APPLICATION NUMBER: 09/845,160  
11 <141> CURRENT FILING DATE: 2001-05-01  
13 <150> PRIOR APPLICATION NUMBER: JP 2001-131688  
14 <151> PRIOR FILING DATE: 2001-04-27  
16 <150> PRIOR APPLICATION NUMBER: JP 2000-161577  
17 <151> PRIOR FILING DATE: 2000-05-31  
19 <160> NUMBER OF SEQ ID NOS: 14  
21 <170> SOFTWARE: PatentIn Ver. 2.1  
23 <210> SEQ ID NO: 1  
24 <211> LENGTH: 7  
25 <212> TYPE: PRT  
26 <213> ORGANISM: Artificial Sequence  
28 <220> FEATURE:  
29 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide having  
30 affinity with heparan sulfate. ✓  
32 <400> SEQUENCE: 1  
33 Lys Lys Lys Lys Lys Lys Lys  
34 1 5  
37 <210> SEQ ID NO: 2  
38 <211> LENGTH: 22  
39 <212> TYPE: PRT  
40 <213> ORGANISM: Artificial Sequence  
42 <220> FEATURE:  
43 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide having ✓  
44 affinity with laminin receptor.  
46 <400> SEQUENCE: 2  
47 Thr Ser Gly Tyr Ile Gly Ser Arg Gly Tyr Ile Gly Ser Arg Gly Tyr  
48 1 5 10 15  
50 Ile Gly Ser Arg Ser Ser  
51 20  
54 <210> SEQ ID NO: 3  
55 <211> LENGTH: 16  
56 <212> TYPE: PRT  
57 <213> ORGANISM: Artificial Sequence  
59 <220> FEATURE:  
60 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide having ✓  
61 affinity with laminin receptor.  
63 <400> SEQUENCE: 3  
64 Thr Ser Ala Ala Ser Ile Lys Val Ala Val Ser Ile Lys Val Ala Val  
65 1 5 10 15  
68 <210> SEQ ID NO: 4  
69 <211> LENGTH: 17  
70 <212> TYPE: PRT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/845,160

DATE: 09/14/2001

TIME: 10:45:40

Input Set : A:\81356163.app

Output Set: N:\CRF3\09142001\I845160.raw

```

71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: Peptide having
75     affinity with E-selectin.
77 <400> SEQUENCE: 4
78 Thr Arg Ser Asp Ile Thr Trp Asp Gln Leu Trp Asp Leu Met Lys Thr
79 1           5           10           15
80 Ser
83 <210> SEQ ID NO: 5
84 <211> LENGTH: 9
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: RGD-4C peptide.
91 <400> SEQUENCE: 5
92 Cys Asp Cys Arg Gly Asp Cys Phe Cys
93 1           5
96 <210> SEQ ID NO: 6
97 <211> LENGTH: 13
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Artificial Sequence: NGR associating peptide.
104 <400> SEQUENCE: 6
105 Cys Asn Gly Arg Cys Val Ser Gly Cys Ala Gly Arg Cys
106 1           5           10
109 <210> SEQ ID NO: 7
110 <211> LENGTH: 81
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide 1.
117 <400> SEQUENCE: 7
118 aacaggagac acaacttcga acatcgatoc aagtgcatac tctatgtcat tttcatggga    60
119 ctggtctggc cacaactaca t                                     81
122 <210> SEQ ID NO: 8
123 <211> LENGTH: 79
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide 2.
130 <400> SEQUENCE: 8
131 taatgtagtt gtggccagac cagtcoccatg aaaatgacat agagtatgca cttggatcga    60
132 tgttcgaagt tgtgtctcc                                     79
135 <210> SEQ ID NO: 9
136 <211> LENGTH: 10
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/845,160

DATE: 09/14/2001

TIME: 10:45:40

Input Set : A:\81356163.app

Output Set: N:\CRF3\09142001\I845160.raw

141 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide 3.  
 143 <400> SEQUENCE: 9  
 144 cgttaattaa 10  
 147 <210> SEQ ID NO: 10  
 148 <211> LENGTH: 31  
 149 <212> TYPE: DNA  
 150 <213> ORGANISM: Artificial Sequence  
 152 <220> FEATURE:  
 153 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide 4. ✓  
 155 <220> FEATURE:  
 156 <221> NAME/KEY: CDS  
 157 <222> LOCATION: (3)..(29)  
 159 <400> SEQUENCE: 10  
 160 cg aag tgt gac tgc cgc gga gac tgt ttc tg 31  
 161 Lys Cys Asp Cys Arg Gly Asp Cys Phe Cys  
 162 1 5 10  
 165 <210> SEQ ID NO: 11  
 166 <211> LENGTH: 31  
 167 <212> TYPE: DNA  
 168 <213> ORGANISM: Artificial Sequence  
 170 <220> FEATURE:  
 171 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide 5. ✓  
 173 <400> SEQUENCE: 11  
 174 cgcagaaaca gtctccgcgg cagtcacact t 31  
 177 <210> SEQ ID NO: 12  
 178 <211> LENGTH: 42  
 179 <212> TYPE: DNA  
 180 <213> ORGANISM: Artificial Sequence  
 182 <220> FEATURE:  
 183 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide 6. ✓  
 185 <400> SEQUENCE: 12  
 186 cggctgcaac ggccgctgcg tgagcggctg cgccggccgc tg 42  
 189 <210> SEQ ID NO: 13  
 190 <211> LENGTH: 42  
 191 <212> TYPE: DNA  
 192 <213> ORGANISM: Artificial Sequence  
 194 <220> FEATURE:  
 195 <223> OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide 7. ✓  
 197 <400> SEQUENCE: 13  
 198 cgcagcggcc ggccgagccg ctcacgcagc ggccgttgca gc 42  
 201 <210> SEQ ID NO: 14  
 202 <211> LENGTH: 10  
 203 <212> TYPE: PRT  
 204 <213> ORGANISM: Artificial Sequence  
 206 <220> FEATURE:  
 207 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide  
 209 <400> SEQUENCE: 14  
 210 Lys Cys Asp Cys Arg Gly Asp Cys Phe Cys  
 211 1 5 10

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/845,160

DATE: 09/14/2001

TIME: 10:45:41

Input Set : A:\81356163.app

Output Set: N:\CRF3\09142001\I845160.raw